

ABSTRACT

Terminal equipment has mounted thereon a wireless module including a communication device having a transmission and reception antenna for connection to a wireless network and includes a first antenna unit which is connected to the transmission and reception antenna physically or spatially and a second antenna unit which is connected to the first antenna unit and transmits and receives radio signals directly to and from the wireless network such that not only communication quality is upgraded, but a radio signal reach distance between the terminal equipment and the wireless network is extended.